CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

QC ABSTRACT

NAME OF WORK: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

SL NO	Item Of Work	Name of Test	Frequency of Test/Quantity	Executed Quantity	Number of Tests Required	Number of Tests Conducted
		Materials				
1	Cement	Fineness by dry sieving	One Test		1	1
		Finess by Air permeablity method	One Test		1	1
		Density	One Test		1	1
		Standard Consistency	One Test		1	1
		Initial Setting time	One Test		1	1
		Final Setting time	One Test		1	1
		Soundness (Le Chatelier's Method)	One Test		1	1
		Compressive Strength	One Test		1	1
2	Coarse aggregate(40 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
3	Coarse aggregate(20 mm down size)	SIEVE ANALYSIS	One Test		1	1
		Flakiness Index	One Test		1	1
		Elongation Index	One Test		1	1
		Specific Gravity	One Test		1	1
		Bulk Density(Loose)	One Test		1	1
		Bulk Density(Compacted)	One Test		1	1
		Water Absorption	One Test		1	1
		Aggregate crushing Value	One Test		1	1
		Aggregate Impact Value	One Test		1	1
4	Fine aggregate	SIEVE ANALYSIS	One Test		1	1
		Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
5	Steel	Bend test	One Test		1	1
		Tensile Test	One Test		1	1
		Yield Test	One Test		1	1
		ReBend test	One Test		1	1
6	Brick	Compressive Strength	One Test		1	1
		WATER ABSORPTION	One Test		1	1
		EFFLORESCENCE	One Test		1	1
		DIMENSIONS AND TOLERANCES	One Test		1	1
7	RCC (M25)	Compressive Strength(7days and 28days)	1 set /1-5 cum	0.3	2	2
8	RCC(M25)	Compressive Strength(7days and 28days)	5 set /51-100 cum	55.62	10	10
9	Mortar Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		Compacted Bulk Density	One Test		1	1
		Loose Bulk Density	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1
10	Plaster Sand	Water Absorption	One Test		1	1
		Specific Gravity	One Test		1	1
		Material finer than 75 micron	One Test		1	1
		SIEVE ANALYSIS	One Test		1	1

AE-2

AE-02

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2020-09-23-73 **Date: 04-06-20**

Project Name : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

Agency : M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

Customer's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

Date of Receipt : 01-06-20

Sample Type : Birla Super 53grade

Reference to BIS codes : IS 12269 2013, 53 Grade Ordinary Portland cement Specification ,
IS 4031 (Part 1,2 3,4,5, 6,11):1988
IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4
IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5
IS 4031 Part 3, Determination of Soundness, Clause 5,Clause 6
IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5
IS 4031 Part 11,DETERMINATION OF DENSITY , Clause 6

Date of test : 02-06-20

Environmental Conditions during test : Temperature: 26°C
Humidity: 72%

SLNo.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	2.46	–
2	Finess by Air permeablity method (m^2/kg,Min)	255.8	225m^2/kg, Min
3	Density (gm/cc)	3.12	–
4	Standard Consistency (%)	28.5%	Not specified
5	Initial Setting time	175 minutes	Not less than 30 minutes
6	Final Setting time	280 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1mm	Not more than 10 mm

* The results obtained are satisfactory as per standard requirements.

AE-2

AE-02

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : **CP-2020-09-23-73** **Date: 04-06-20**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.2	Combined Flakiness & Elongation Index Shall not Exceed 40% for Unerushed & Crushed Aggregate
2	Elongation Index(%)	11.6	
3	Specific Gravity	2.69	–
4	Bulk Density(Loose) (Kg/l)	1.54	–
5	Bulk Density(Compacted) (Kg/l)	1.58	–
6	Water Absorption(%)	0.24	–

* The results obtained are satisfactory as per standard requirements.

AE-2

AE-2

CIVIL Pro Sig. Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID	:	**CP-2020-09-23-73** **Date: 03-06-20**
Project Name	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
Agency	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
Customer Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
Date of Receipt	:	01-06-20
Sample Type/ Size	:	20mm down size coarse aggregate
Reference to BIS codes	:	IS: 383:2016 (Specification for Coarse and fine Aggregates) IS: 2386 :1963(Part - 1,3,4) RA2011 IS 2386 Part 1: Particle Size and Shape IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption IS 2386 Part 4: Mechanical Properties
Date of test	:	01-06-20

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	245	245	4.9	95.1	90-100
3	10 mm	2675	2920	58.4	41.6	25-55
4	4.75 mm	1798	4718	94.4	5.6	0-10
5	Pan	282	5000	100	0	-

AE-2

AE-02

CIVIL Pro Sig. Date BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

b ID : CP-2020-09-23-73

Date: 03-06-20

oject Name : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

ency : M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

istomer's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

te of Receipt : 01-06-20

mple Type : Fine Aggregate

ference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

te of test : 01-06-20

tal weight taken : 1000 grams

.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0.0	100.0	100	100	100	100
2	4.75 mm	82	82	8.2	91.8	90-100	90-100	90-100	95-100
3	2.36 mm	165	247	24.7	75.3	60-95	75-100	85-100	95-100
4	1.18 mm	177	424	42.4	57.6	30-70	55-90	75-100	90-100
5	600 micron	182	606	60.6	39.4	15-34	35-59	60-79	80-100
6	300 micron	177	783	78.3	21.7	5-20	8-30	12-40	15-50
7	150 micron	134	917	91.7	8.3	0-10	0-10	0-10	0-15
8	Pan	83	1000	100.0	0.0	---	---	---	---

sult :The tested Sample Conforms to Grading Zone II

AE-2

CIVIL Pro Sig. Date BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

TEST REPORT OF FINE AGGREGATE

ID : CP-2020-09-23-73

Date: 03-06-20

'SICAL PROPERTIES

	Tests	Result	Requirements as per IS 383:2016
	Water Absorption(%)	1.86	–
	Specific Gravity	2.59	–
	Material finer than 75 micron(%)	7.8	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

e results obtained are satisfactory as per standard requirements.

AE-2

AE-02

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Format No: CP/TF/01

TEST REPORT OF PHYSICAL REQUIREMENTS OF BRICKS

Lab ID	:	**CP-2020-09-23-73** **Date: 12-06-20**
Project Name	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
Agency	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
Customer's Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
Date of Receipt	:	06-06-20
Identification Mark on Brick	:	Wire Cut Brick
Reference to BIS codes	:	IS 1077 : 1992(RA 2011) Common Burnt Clay Building Bricks-Specification IS 3495 (Part 1 to 3) : 1992(RA 2011) Method of Tests Burnt Clay Building Bricks Part 1:Determination of Compressive Strength, (Cl 4.2.3) Part 2:Determination of Water Absorption,(Cl 4.1.3) Part 3: Determination of Efflorescence, (Cl 4)
Date of test	:	06-06-20

COMPRESSIVE STRENGTH

Sl.No.	Length (mm)	Breadth (mm)	Area (mm^2)	Failure Load (KN)	Compressive strength of individual bricks (N/mm^2)	Acceptablity as per IS 1077:1992, Clause 7.1
1	228.13	109.98	25090	206.7	8.2	The bricks shall have a minimum average compressive strength for various classes as given in Table 1 of IS 1077: 1992. The compressive strength of any individual bricks shall not fall below the minimum compressive strength specified for the corresponding class of brick by more than 15%.
2	228.98	108.62	24872	197.6	7.9	
3	231.01	107.99	24947	201.3	8.1	
4	230.11	107.54	24746	199.5	8.1	
5	228.16	106.98	24409	194.6	8.0	
Average of 5 bricks					8.1	

AE-2

AE-02

CIVIL Pro Sig Date BANGALORE

Lab ID : CP-2020-09-23-73 Date: 12-06-20

WATER ABSORPTION:

Sl.No.	Dry Weight	Wet Weight	Water Absorption(%)	Acceptablity as per IS 1077:1992, Clause 7.2
1	2.975	3.265	9.7	The water Absorption of bricks shall not be more than 20% by weight upto class 12.5 and 15% by weight for higher classes.
2	2.868	3.176	10.7	
3	2.906	3.196	10.0	
4	2.976	3.275	10.0	
5	2.875	3.218	11.9	
Average Water Absorption(%)			10.5	

EFFLORESCENCE:

Sl.No.	Length (mm)	Breadth (mm)	Area (mm^2)	Efflorescence	Acceptablity as per IS 1077:1992, Clause 7.3
1	229.18	108.98	24976	Slight	The efflorescence shall not be more than 'moderate" upto class 12.5 and "slight" for higer classes.
2	228.98	109.18	25000	Moderate	
3	228.18	108.39	24732	Slight	
4	230.19	107.98	24856	Moderate	
5	228.13	109.19	24910	Slight	

DIMENSIONS AND TOLERANCES

Sl.No.	Dimensions obtained for 20 bricks(mm)		Acceptability as per IS 1077:1992, Clause 6.2(b)
1	Length	4610	4520 to 4680 mm
2	Width	2185	2160 to 2240 mm
3	Height	1390	1360 to 1440 mm

* The results obtained are satisfactory as per standard requirements.

AE-2

AE-2

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

1 : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73 Date: 19/08/2020

e : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

Reference : BBMP/EE/YNK.D/W.O/260/2019-20

ipt : 24-07-20

) : Mass Concrete For Telugu School

e /Size : 150X150X150 mm

de/Age : M25 / 28 Days Compressive Strength

o BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 19/08/2020

ntification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
s Concrete For elugu School	M25	22/07/2020	19/08/2020	150.99 X 151.62 X 149.65	22894	8.810	634.1	27.7	27.6
s Concrete For elugu School	M25	22/07/2020	19/08/2020	149.77 X 151.15 X 149.98	22637	8.092	595.0	26.3	
s Concrete For elugu School	M25	22/07/2020	19/08/2020	149.68 X 149.94 X 149.21	22443	8.555	644.6	28.7	

s obtained are satisfactory as per standard requirements.

AE-2

AE-2

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73

Date: 07/07/2020

: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

ference : BBMP/EE/YNK.D/W.O/260/2019-20

it : 11-06-20

: SF Staircase Concrete For Telugu School

/Size : 150X150X150 mm

/Age : M25 / 28 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 07/07/2020

tification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Staircase ete For Telugu School	M25	09/06/2020	07/07/2020	150.37 X 150.29 X 149.24	22599	8.810	628.9	27.8	27.7
Staircase ete For Telugu School	M25	09/06/2020	07/07/2020	149.24 X 151.84 X 151.35	22662	8.092	599.9	26.5	
F Staircase rete For Telugu School	M25	09/06/2020	07/07/2020	150.32 X 150.75 X 149.64	22661	8.555	650.8	28.7	

obtained are satisfactory as per standard requirements.

AE-2

Cont'd AE-02

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73

Date: 16/06/2020

: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

ference : BBMP/EE/YNK.D/W.O/260/2019-20

t : 11-06-20

: SF Staircase Concrete For Telugu School

Size : 150X150X150 mm

Age : M25 / 7 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 16/06/2020

ification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
Staircase e For Telugu School	M25	09/06/2020	16/06/2020	149.15 X 150.84 X 149.63	22498	8.815	534.1	23.7	23.1
Staircase e For Telugu School	M25	09/06/2020	16/06/2020	149.37 X 150.10 X 149.68	22421	8.665	503.6	22.5	
Staircase e For Telugu School	M25	09/06/2020	16/06/2020	150.59 X 151.21 X 150.80	22772	8.583	523.5	23.0	

obtained are satisfactory as per standard requirements.

AE-2

AE-02

CIVIL Pro Sq. Date. BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

: CP-2020-09-23-73

Date: 16/06/2020

: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

Name

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

er's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

Receipt : 11-06-20

ner ID : SF Roof Concrete For Telugu School

e Type /Size : 150X150X150 mm

e grade/Age : M25 / 7 Days Compressive Strength

ence to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

f test : 16/06/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
SF Roof Concrete For Telugu School	M25	09/06/2020	16/06/2020	151.23 X 151.76 X 149.55	22951	8.815	546.0	23.8	22.7
SF Roof Concrete For Telugu School	M25	09/06/2020	16/06/2020	150.43 X 149.91 X 151.99	22550	8.665	501.5	22.2	
SF Roof Concrete For Telugu School	M25	09/06/2020	16/06/2020	151.82 X 149.04 X 149.34	22627	8.583	502.1	22.2	

e results obtained are satisfactory as per standard requirements.

AE-2

AE-02

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.,

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

: CP-2020-09-23-73

Date: 07/07/2020

ame : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

r's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

Receipt : 11-06-20

er ID : SF Roof Concrete For Telugu School

Type /Size : 150X150X150 mm

grade/Age : M25 / 28 Days Compressive Strength

ce to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

test : 07/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
SF Roof Concrete For Telugu School	M25	09/06/2020	07/07/2020	149.74 X 149.56 X 150.73	22396	8.810	614.2	27.4	27.5
SF Roof Concrete For Telugu School	M25	09/06/2020	07/07/2020	151.22 X 150.77 X 151.12	22800	8.092	612.1	26.8	
SF Roof Concrete For Telugu School	M25	09/06/2020	07/07/2020	150.57 X 151.64 X 152.00	22834	8.555	645.8	28.3	

results obtained are satisfactory as per standard requirements.

AE-2

AE-02

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73

Date: 07/07/2020

: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

teference : BBMP/EE/YNK.D/W.O/260/2019-20

ipt : 11-06-20

) : SF Roof Concrete For Telugu School

e /Size : 150X150X150 mm

le/Age : M25 / 28 Days Compressive Strength

o BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 07/07/2020

entification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Roof Concrete r Telugu School	M25	09/06/2020	07/07/2020	150.96 X 149.54 X 151.73	22575	8.810	613.4	27.2	27.4
? Roof Concrete or Telugu School	M25	09/06/2020	07/07/2020	151.00 X 149.28 X 151.69	22541	8.092	588.6	26.1	
F Roof Concrete or Telugu School	M25	09/06/2020	07/07/2020	151.25 X 150.64 X 150.45	22784	8.555	657.3	28.8	

ults obtained are satisfactory as per standard requirements.

AE-2

AE-02

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL| GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

TEST REPORT FOR SAND MASONRY MORTARS

: CP-2020-09-23-73 Date: 16-06-20

PROPERTIES

Tests	Result	Requirements as per IS 383:2016
er Absorption(%)	3.18	–
cific Gravity	2.51	–
erial finer than 75 micron(%)	12.2	Crushed Fine aggregate Max 15%
mpacted Bulk Density (Kg/litre)	1.90	–
ose Bulk Density (Kg/litre)	1.73	–

obtained are satisfactory as per standard requirements.

AE-2

AE-02

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexports@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID : CP-2020-09-23-73

Date: 17-06-20

Project Name : Construction of Building and Other Civil Works and Playgrounds in Ward No - 01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

Agency : M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

Customer's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

Date of Receipt : 13-06-20

Sample Type : Plaster Sand

Reference to BIS codes : IS: 383 : 2016 (Specification for Coarse and fine Aggregates)
IS1542:1992 (Sand for Plaster - Specification)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

Date of test : 13-06-20

Total weight taken : 1000 grams

SLno	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 1542:1992
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	15	50	5	95	95-100
4	1.18 mm	50	100	10	90	90-100
5	600 micron	100	200	20	80	80-100
6	300 micron	215	415	41.5	58.5	20-65
7	150 micron	500	915	91.5	8.5	0-15
8	Pan	85	1000	100	0	---

AE-2

AE-OL

CIVIL PRO Sig Date BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

Format No: CP/TF/01

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID	:	CP-2020-09-23-73 **Date: 30-06-20**
Project Name	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
Agency	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
Customer's Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
Date of Receipt	:	01-06-20
Sample Type	:	Birla Super 53grade
Reference to BIS codes	:	IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification , IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5 IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test	:	02-06-20
Environmental Conditions during test	:	Temperature: 26°C Humidity: 72%

Compressive Strength

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	28.5N/mm^2	Not less than 27 N/mm^2
2	7 Days	39.0N/mm^2	Not less than 37 N/mm^2
3	28 Days	58.5N/mm^2	Not less than 53 N/mm^2

* The results obtained are satisfactory as per standard requirements.

AE-1 AE

CIVIL Pro Sig. Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

ab ID : **CP-2020-09-23-73** **Date: 04-06-20**

HYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	12.2	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.6	
3	Specific Gravity	2.69	–
4	Bulk Density(Loose) (Kg/l)	1.54	–
5	Bulk Density(Compacted) (Kg/l)	1.58	–
6	Water Absorption(%)	0.24	–

* The results obtained are satisfactory as per standard requirements.

AE-1

AE

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

Format No: CP/TF/01

TEST REPORT ON COARSE AGGREGATES

Lab ID : **CP-2020-09-23-73** **Date: 03-06-20**

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	11.4	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	11.2	
3	Specific Gravity	2.64	–
4	Bulk Density(Loose) (Kg/l)	1.52	–
5	Bulk Density(Compacted) (Kg/l)	1.56	–
6	Water Absorption(%)	0.24	–
7	Aggregate crushing Value(%)	22.6	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	21.8	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

* The results obtained are satisfactory as per standard requirements.

AE-1

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signature
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF FINE AGGREGATE

ID : CP-2020-09-23-73 **Date: 03-06-20**

ect Name : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

ncy : M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

tomer's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

e of Receipt : 01-06-20

ıple Type : Fine Aggregate

erence to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

e of test : 01-06-20

al weight taken : 1000 grams

ıo	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
	10 mm	0	0	0.0	100.0	100	100	100	100
	4.75 mm	82	82	8.2	91.8	90-100	90-100	90-100	95-100
	2.36 mm	165	247	24.7	75.3	60-95	75-100	85-100	95-100
	1.18 mm	177	424	42.4	57.6	30-70	55-90	75-100	90-100
	600 micron	182	606	60.6	39.4	15-34	35-59	60-79	80-100
	300 micron	177	783	78.3	21.7	5-20	8-30	12-40	15-50
	150 micron	134	917	91.7	8.3	0-10	0-10	0-10	0-15
	Pan	83	1000	100.0	0.0	---	---	---	---

sult :The tested Sample Conforms to Grading Zone II

AE-1

CIVIL PRO Sig Date BANGALORE

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73 **Date: 26/08/2020**

ame : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

r's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

Receipt : 21-08-20

r ID : PCC For Copping

Type /Size : 150X150X150 mm

grade/Age : M15 / 7 Days Compressive Strength

te to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

test : 26/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
PCC For Copping	M15	19/08/2020	26/08/2020	150.36 X 151.55 X 150.50	22788	8.039	282.5	12.4	12.3
PCC For Copping	M15	19/08/2020	26/08/2020	151.87 X 150.48 X 150.10	22853	8.833	281.2	12.3	
PCC For Copping	M15	19/08/2020	26/08/2020	149.67 X 149.17 X 151.57	22327	8.185	270.1	12.1	

sults obtained are satisfactory as per standard requirements.

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro

KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL| GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73

Date: 26/08/2020

ıme : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

eceipt : 21-08-20

ID : PCC For Copping

ype /Size : 150X150X150 mm

rade/Age : M15 / 7 Days Compressive Strength

e to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

st : 26/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
CC For Copping	M15	19/08/2020	26/08/2020	150.20 X 150.89 X 149.43	22664	8.039	277.0	12.2	12.3
CC For Copping	M15	19/08/2020	26/08/2020	150.33 X 150.01 X 149.87	22550	8.833	276.5	12.3	
CC For Copping	M15	19/08/2020	26/08/2020	150.13 X 149.99 X 149.30	22518	8.185	277.2	12.3	

ults obtained are satisfactory as per standard requirements.

CIVIL Pro Sq Date BANGALORE

FOR CIVIL Pro.

B KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

	:	CP-2020-09-23-73
	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
	:	BBMP/EE/YNK.D/W.O/260/2019-20
	:	21-08-20
	:	PCC For Copping
	:	150X150X150 mm
	:	M15 / 28 Days Compressive Strength
	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
	:	16/09/2020

Date: 16/09/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
CC For Copping	M15	19/08/2020	16/09/2020	149.43 X 149.57 X 151.36	22350	8.514	387.2	17.3	17.4
CC For Copping	M15	19/08/2020	16/09/2020	151.92 X 150.14 X 151.96	22809	8.088	394.7	17.3	
CC For Copping	M15	19/08/2020	16/09/2020	149.69 X 149.70 X 150.91	22408	8.281	392.8	17.5	

ults obtained are satisfactory as per standard requirements.

AE-1

AE

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

V.KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1
****End of Report****

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

	:	CP-2020-09-23-73 **Date: 20/08/2020**
	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
ipt	:	25-07-20
)	:	Footing Concrete For Bangla School
e /Size	:	150X150X150 mm
le/Age	:	M25 / 28 Days Compressive Strength
) BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
	:	20/08/2020

ntification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
ting Concrete Bangla School	M25	23/07/2020	20/08/2020	151.43 X 150.78 X 150.24	22832	8.810	626.9	27.5	27.2
ting Concrete Bangla School	M25	23/07/2020	20/08/2020	150.87 X 150.91 X 150.20	22768	8.092	595.7	26.2	
ting Concrete Bangla School	M25	23/07/2020	20/08/2020	151.56 X 149.48 X 149.46	22655	8.555	637.2	28.1	

s obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73

Date: 20/08/2020

: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

eference : BBMP/EE/YNK.D/W.O/260/2019-20

pt : 25-07-20

: Footing Concrete For Bangla School

/Size : 150X150X150 mm

e/Age : M25 / 28 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 20/08/2020

tification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
ing Concrete Bangla School	M25	23/07/2020	20/08/2020	149.38 X 150.10 X 149.75	22421	8.810	618.4	27.6	27.3
ing Concrete Bangla School	M25	23/07/2020	20/08/2020	150.98 X 149.32 X 149.94	22545	8.092	590.3	26.2	
ting Concrete Bangla School	M25	23/07/2020	20/08/2020	150.00 X 150.52 X 151.24	22578	8.555	638.4	28.3	

obtained are satisfactory as per standard requirements.

AE-1

AE

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL|
GEO TECHNICAL| PROJECT MANAGEMENT| SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No. TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73

Date: 21/08/2020

: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

erence : BBMP/EE/YNK.D/W.O/260/2019-20

: 27-07-20

: Footing Concrete For Bangla School

Size : 150X150X150 mm

Age : M25 / 28 Days Compressive Strength

IS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 21/08/2020

fication lark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
g Concrete ngla School	M25	24/07/2020	21/08/2020	149.45 X 149.25 X 150.56	22305	8.810	612.4	27.5	27.4
g Concrete ngla School	M25	24/07/2020	21/08/2020	150.06 X 150.63 X 151.02	22604	8.092	595.0	26.3	
ng Concrete angla School	M25	24/07/2020	21/08/2020	151.60 X 151.31 X 150.24	22939	8.555	654.8	28.5	

obtained are satisfactory as per standard requirements.

AE-1

CIVIL Pro Sq Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 31/07/2020

ple ID	:	CP-2020-09-23-73
ject Name	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
ency	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
tomer's Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
e of Receipt	:	27-07-20
tomer ID	:	Footing Concrete For Bangla School
ple Type /Size	:	150X150X150 mm
ple grade/Age	:	M25 / 7 Days Compressive Strength
rence to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
e of test	:	31/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Footing Concrete For Bangla School	M25	24/07/2020	31/07/2020	150.93 X 150.15 X 150.06	22662	8.815	524.5	23.1	22.7
Footing Concrete For Bangla School	M25	24/07/2020	31/07/2020	151.01 X 150.86 X 149.20	22781	8.665	517.0	22.7	
Footing Concrete For Bangla School	M25	24/07/2020	31/07/2020	151.56 X 150.50 X 150.10	22810	8.583	505.6	22.2	

e results obtained are satisfactory as per standard requirements.

AE-1

FOR CIVIL Pro.

CIVIL Pro BANGALORE Sig Date

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

ı ID	:	CP-2020-09-23-73
	:	Date: 21/08/2020
ject Name	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
ıcy	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
tomer's Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
e of Receipt	:	27-07-20
tomer ID	:	Footing Concrete For Bangla School
ıple Type /Size	:	150X150X150 mm
ıple grade/Age	:	M25 / 28 Days Compressive Strength
rence to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
e of test	:	21/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
Footing Concrete For Bangla School	M25	24/07/2020	21/08/2020	149.86 X 150.07 X 151.89	22491	8.810	616.4	27.4	27.7
Footing Concrete For Bangla School	M25	24/07/2020	21/08/2020	151.18 X 149.21 X 149.52	22558	8.092	608.8	27.0	
Footing Concrete For Bangla School	M25	24/07/2020	21/08/2020	150.87 X 150.87 X 150.06	22763	8.555	653.6	28.7	

: results obtained are satisfactory as per standard requirements.

AE-1

CIVIL Pro Sig. Date. BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

: CP-2020-09-23-73

Date: 31/07/2020

Name : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

er's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

Receipt : 27-07-20

er ID : Footing Concrete For Bangla School

Type /Size : 150X150X150 mm

grade/Age : M25 / 7 Days Compressive Strength

ce to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

test : 31/07/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
Footing Concrete For Bangla School	M25	24/07/2020	31/07/2020	150.22 X 149.45 X 150.54	22451	8.815	538.2	24.0	23.0
Footing Concrete For Bangla School	M25	24/07/2020	31/07/2020	150.92 X 149.36 X 149.16	22541	8.665	516.1	22.9	
Footing Concrete For Bangla School	M25	24/07/2020	31/07/2020	150.44 X 149.42 X 149.89	22478	8.583	499.4	22.2	

ılts obtained are satisfactory as per standard requirements.

AE-1

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

: CP-2020-09-23-73

Date: 21/08/2020

Name : Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

er's Reference : BBMP/EE/YNK.D/W.O/260/2019-20

Receipt : 27-07-20

er ID : Footing Concrete For Bangla School

Type /Size : 150X150X150 mm

grade/Age : M25 / 28 Days Compressive Strength

ce to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

test : 21/08/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
ooting Concrete or Bangla School	M25	24/07/2020	21/08/2020	150.38 X 149.18 X 150.62	22434	8.810	627.5	28.0	27.8
ooting Concrete or Bangla School	M25	24/07/2020	21/08/2020	151.47 X 149.95 X 149.22	22713	8.092	600.2	26.4	
ooting Concrete or Bangla School	M25	24/07/2020	21/08/2020	149.06 X 150.06 X 150.51	22369	8.555	648.6	29.0	

lts obtained are satisfactory as per standard requirements.

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL | GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 25/09/2020

D	:	CP-2020-09-23-73
et Name	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
ty	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
mer's Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
of Receipt	:	30-08-20
mer ID	:	Plinth Beam Concrete for Bangla School
le Type /Size	:	150X150X150 mm
le grade/Age	:	M25 / 28 Days Compressive Strength
nce to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
f test	:	25/09/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
Plinth Beam Concrete for Bangla School	M25	28/08/2020	25/09/2020	151.65 X 150.40 X 150.92	22809	8.810	625.6	27.4	27.4
Plinth Beam Concrete for Bangla School	M25	28/08/2020	25/09/2020	149.38 X 151.80 X 149.59	22676	8.092	592.6	26.1	
Plinth Beam Concrete for Bangla School	M25	28/08/2020	25/09/2020	149.10 X 149.34 X 149.29	22266	8.555	635.7	28.5	

sults obtained are satisfactory as per standard requirements.

AE

AE

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

: CP-2020-09-23-73

Date: 04/09/2020

: Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)

: M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064

Reference : BBMP/EE/YNK.D/W.O/260/2019-20

ipt : 30-08-20

: Plinth Beam Concrete for Bangla School

/Size : 150X150X150 mm

e/Age : M25 / 7 Days Compressive Strength

BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

: 04/09/2020

tification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
th Beam e for Bangla chool	M25	28/08/2020	04/09/2020	151.90 X 150.03 X 150.00	22789	8.815	528.7	23.2	22.6
th Beam e for Bangla chool	M25	28/08/2020	04/09/2020	149.33 X 149.97 X 150.60	22395	8.665	492.8	22.0	
h Beam for Bangla chool	M25	28/08/2020	04/09/2020	150.07 X 151.63 X 151.66	22755	8.583	513.2	22.6	

ained are satisfactory as per standard requirements.

AE-1

AE

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |

AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 25/09/2020

)	:	CP-2020-09-23-73
Name	:	Construction of Building and Other Civil Works and Playgrounds in Ward No -01, 03 & 04 Under Buildings/ Playgrounds / Hospitals Head in Chief Minister Nava Nagarothan Grants of Yelahanka Division.(Package-11)
	:	M/s SMLP Asphalts, Prop.Sri B.B.Umesh, No:1265 Next to Andhara Bank, Major Sandeep Unnikrishnan Road, Yelahanka New Town Bangalore-560064
er's Reference	:	BBMP/EE/YNK.D/W.O/260/2019-20
Receipt	:	30-08-20
er ID	:	Plinth Beam Concrete for Bangla School
Type /Size	:	150X150X150 mm
grade/Age	:	M25 / 28 Days Compressive Strength
ce to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
test	:	25/09/2020

Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
				(mm)	(Sq.mm)	(kg)	(KN)	(N/mm^2)	(N/mm^2)
Plinth Beam ncrete for Bangla School	M25	28/08/2020	25/09/2020	151.24 X 150.87 X 149.87	22818	8.810	630.9	27.7	27.6
Plinth Beam ncrete for Bangla School	M25	28/08/2020	25/09/2020	150.91 X 151.13 X 151.85	22806	8.092	601.7	26.4	
Plinth Beam ncrete for Bangla School	M25	28/08/2020	25/09/2020	149.17 X 149.30 X 150.25	22272	8.555	643.0	28.9	

ts obtained are satisfactory as per standard requirements.

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexports@gmail.com
HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL